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(54) DATA TRANSFER CONTROLLER AND VIDEO RECORDER

(57)Abstract:

PROBLEM TO BE SOLVED: To write data in a data storage device at a prescribed speed without causing overflow in an inner buffer in a data transfer controller which is laid between peripheral equipment and the data storage device, and which receives data transferred from the peripheral equipment and writes data in the data storage device.

SOLUTION: In a data transfer controller 1, a transfer speed arbiter 3 measures write time when a main control part 6 writes write time measurement data stored in a data storage part 8 into a data storage device 10, generates transfer speed designation data designating data transfer speed of peripheral equipment 12 based on measured write time and outputs generated transfer speed designation data to the main control part 6. The main control part 6 sets transfer speed designation data outputted from the transfer speed arbiter 3 in the peripheral equipment 12 through an input/output I/F part 7.

